	(_)	Trn	32E	2.4
			rfeld	
	County	у	DECI	\$-# <u>A-1</u> ₽-
MONTANA BUREAU OF MI Butte, Mont		OGY	7/1 VIIG	11 1961
2000, 3000		(STATE F	ENGINEER
WATER WEI	T roc			N .
Bruce Dutton	د. A			s, Montana
Owner Eugene !/oConne.	ii Ao	aressR	oundup, k	ontada
Driller	Ad	dress	7/	1/59
Date Started	Da	te Comple	ted	
Location: Sec. T	32 R 1/2 sec	SWASWA		
Location: Sec T	20	CAFI	E	
Type of well	ipment used	(Churn di	ill, rotary, other	er)
Water use: Domestic Municipal	Stock]	Irrigation	
Industrial Drainage	Other:Galvanized		••	
0 215	Galvanized			
Casing:ft. toft. Type				,
Perforated or Screened: Ft				
Type of screen or perforations				
Static Water level, for non-flowing well:				
Shut-in pressure, for flowing well:	lb./sq. in. on: 18		(date)	
Pumping water levelbailer		gal.	per min	**********
How tested: 30 minutes		•••••		
Length of test				
Remarks: (Gravel packing, cementing, packers, type of s.				
total (Graver parameter, Commission, parameter, 1970 or to	indo ori, dopor or o			
	***************************************	***************************************	**	***************************************
			,	•••••••••••••••••••••••••••••••••••••••
		······		
	******************************	•••••		

(over)

Log of Well

	100	Log of Well
Depth	, feet	
From To		Description of Material Drilled
0	35 215	Sandy top soil
35	135	Sandstone, bentonite
34 35°	150 165	Plus man south shalls
11 135	The 102	Blue grey sandy shale
165	215	Blue chale
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	. ** *	1. 6					. " .			57		**.	·	 4 1						1				:	·				1.0												

. 33

File No.....

 $_{
m T}$ 14N $_{
m R}$ 32B

DUPLICATE

County Garfield

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER DECEIVED

STATE ENGINEER Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	· / · ·	11								Date of Appropriation of Groundwater. 1915.
					٠.					Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.
										Contractor (if any)
										Address of Contractor
										Date Started Date Completed
٠.					N					Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
						ļ				water when applicable Springs used since 1913.
				/ 						
					ļ					
W	ļ		· 	<u> </u>	丨	-	<u> </u>	-	E	
	ر	ķ					ļ	7		
										Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
	<u> </u>	<u></u>		<u></u>	<u>s</u>			نـــن		estimate approximate lengths of periods of usc
NW	-	f.¾								flows 15 gallons per minute, measured over
		licate I plac							1	a period of time.
										a ff c
										Northern Pacific Railway Company Signature of Owner By Dist. Supervisor, Graz. & Cult. Date

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder: duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

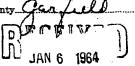
STATE OF MONTANA County of Garfield

Filed in the effice of the County Clerk and order of Garfield County, Spells of Martino day of M

File No.

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights | LINGINEER (Under Chapter 237, Montana Session Laws, 1961)

. 1 Y	ά · · · · ·
DAITTHAN FORFADBILE	s of Sano Springs
(Name of Appropriator)	(Address) (Town)
	State of MONTANA
have appropriated groundwater according	ing to the Montana laws in effect prior to January 1, 1962, as follows:
N	ag to the meaning him to the same and the sa
	2. The beneficial use on which the claim is based
	STOCK WATER
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been 2.19.19.
E	(3) 1949 Continuous
2.3	4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 GPM 3 4 GPM
	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Stor Holy Nulsec 34 T 14 R 32	Not App.
idicate point of appropriation	
nd place of use, if possible. Each	
nall square represents 10 acres.	6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
NW.SE 34-14-32	or well Sires
	@ letic metor
drawal of groundwater	apletion of the construction of the well, wells, or other works for with
3. The depth of water table.	100' @ 100' @ 46'
3. So far as it may be available, the t	ype, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwa	coming galo - 120' deep & will for
(D) (O) (A) (A) (S''') (O)	The same of the sa
3) philled 4" galo	county 1-110'days 6' Mile yours
0. The estimated amount of groundwate	the drilling of each well if evallable 1101 Arestable
Q 0- 1 LO JANO	60 - 96 Soft Shake 90 - 110 HARD Shake
3 -0- 30 JAND	-
9 Cuch other information of a similar	notation on many he unaful in committee and the maline of this are in a line
reference to book and page of any co	nature as may be useful in carrying out the policy of this act, including out y record.
	Autton Soute mis.
	Signature of Owner 150 Mouth
	12/27/12
	Date 12/-27/63
Three copies to be filed by the owner with	Date 12/27/63 the County Clerk and Recorder of the county in which the well is located

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

125006

STATE OF MONTANA County of Carfield

of Mont

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STAIL ENGINEER

JAN 8

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Apprepriation of Groundwater 947
	Owner duth Enlague Address Sand Jany
	Contractor (if any)
	Address of Contractor
Marian de la companya della companya della companya de la companya de la companya della companya	Date Started 22 47 Date Completed 47
N N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	water when applicable 54
	and significantly to the second
,E	and the state of t
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
) () s	estimate approximate lengths of periods of use-
1 E1/4 Sec 34 T 14 R32	265 000 lock water
Indicate point of appropriation and place of use, if possible.	
	100 week of State valuing / 1 years
	Signature of Owner Mutter for
	Date

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

cw : File No

TRIPLICATE

Comp. 2 + 43 2 63

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater.	
	Ownerdletty Suleprin Address side of Spen	
	Contractor (if any) weigh M Minute	ľ
	Address of Contractor July Spanner	
	Date Started Land 47 Date Completed Jerry 4	7
S A N	Describe means of obtaining groundwater without a well "ss sub-irrigation and other natural processes". Include depth	bν
	water when applicable	
	on spry sile arte a	
	a b	
	· · · · · · · · · · · · · · · · · · ·	
		34 S. 2634
	Quantity of water developed and used with explanation of meth	
	used to measure or estimate such amount. If use is intermitte	m
10	estimate approximate lengths of periods of use	
A 61/4 Sec 34 T./4 R32	365 000 Stark water	
Indicate point of appropriation and place of use, if possible.		
	100 King of Mark Contract 12 ye	44
	100 head of start watering 1/2 ye	
	Signature of Owner loseful A Wester	b
	Date 12 2763	

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

23261

125004

STATE OF MONTANA County of Cartield

Plied in the office of the County Clerk and Recorder of Garrield County, State of Montana, this 20 day of Office A B 18 6 3 as 23 clerk A M

OUNDWATER INDEX			Pageof/_
ounty <u>Harfield</u>	Twp	<i>X</i> Rge.	33 E
<i>l</i>		.	
ec. Name of Appropriator	Type of Form	County File No.	Remarks
o Dutton Bruce	57 Hell hog		-
2 Destlow Bruce	51 Sall hog		
$\widehat{}$		•	3
<u></u>		т	14n _R 33E
		County.	Garfield
MONTANA B	SUREAU OF MINES Butte, Montana	S AND GEOLO	OGY DECEIVE
	WATER WELL L	.OG	STATE ENGINE
Owner	Bruce Dutton	bbA	Sand Springs, Montar
McCon	nell Bros		Roundup, Montana
! 	6/15/61		
i			6/19/61 e Completed
Location: Sec	30 T 14N R	33E ¼ sec	nw}ne}
Type of welldrilled	Equipme	ent usedcabl	le .
(Dug, driven, bored, or	drilled)	-	(Churn drill, rotary, other)
Water use: Domestic Mu	inicipal	Stock X	Irrigation
Industrial D	rainage	Other:	
Casing: 0 ft. to 90	ft. Type	lvanize d	ze6 in c h
Casing:ft. to	ft. Type		ize
Casing:ft, to			ize
Perforated or Screened: Ft	55	6	5 75
Type of screen or perforations		18 :	feet from top
Static Water level, for non-flowing well:		•••••••••••••••••••••••••••••••••••••••	fe
Shut-in pressure, for flowing well:	1b./	sq. in. on:	(date)
Pumping water level	feet at	1 5	gal. per min
	bailer		
How tested:	0 minutes		
3	A 16TH (AGB		
Length of test			
3			
Length of test			
Length of test			
Length of test			

(over)

		rog or Men
Depth, feet		The control of the factor of t
From	То	Description of Material Drilled
0	20	clay & Sand
20	48	Shale
48	50	Sandstone (water)
50	65	Shale
65	7 5	Shale & hard streaks
75	80	Same more water
80	90	Shale
. <u> </u>		
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T 114N R 33E

County Garfiell

County DECEIVE

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

STATE ENGINEER

, ,	•					
	OwnerBruce Du	tton	******************	Address	Sand Spr	ings, Montan
	McConnell Driller			Addrose		, Vontana
	Date Started					2/61
	Location: Sec 32		R33E 1/4	SE ¹ S	W4	•
Type of well	drilled	Fanin	ment used	XIX	cable	
Type of wen	(Dug, driven, bored, or drilled)	darb	ment used	(Churn	drill, rotary, oth	er)
Water use: Domestic			Stock		Irrigation	
Industrial	Drainage		Other:			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Casing:	7.7 9 ft.	Туре	alvenized	Size	6 in c h	*******************
Casing:	ft. toft.	Туре		Size	•••••	••••••
Casing:	ft. to	• •		Size		
Perforated or Screene	129 ed: Ft to ft.	170	Ft		to ft	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Type of screen or perfo	slots orations					
-	non-flowing well:	135	from top			
	lowing well:					
D1140 211 p1000410, 101 1			1k		(date)	••••
Pumping water level	fee	et at		gal	. per min	
How tested:	bailer			.,,		
Length of test	30 minutes					
Remarks: (Gravel pa	acking, cementing, packers,	type of shi	ıt-off, depth	of shut-off)		
	······································		*********************			
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*********************************	***************************************	•••••••				
***************************************	••••••					
,*****************************						***************************************
® ~		(over)				

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		Log of Well
	h, feet	Description of Material Drilled
From	To	
0	5	top soil
5	130	Shale
130	165	Sandwater
165	170	Shale
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Page _ / of / GROUNDWATER INDEX County <u>Marfield</u> Twp. 1477 Rge. 346 County File No. Type of Form Remarks Name of Appropriator 144 138013 484 4812 131456

01		Approved Stock Form—State Publishing Co., Helena, Montana—12234
File No DUPLICA	ÅTE	County Garfield
		STATE OF MONTANA TRATOR OF GROUNDWATER CODE FIGE OF STATE ENGINEER JAN 6 1964
	Declaration o (Under Cha	of Vested Groundwater Rights ENGINEER Opter 237, Montana Session Laws, 1961)
1 7	Tom Jakes	, of Sand Springs
County have	(Name of Appropriator) y of appropriated groundwater accordin	State of State of January 1, 1962, as follows:
•	N	2. The beneficial use on which the claim is based. Amestic
		3. Date or approximate date of earliest beneficial use; and how continuous the use has been 957
w	F	
		4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7. 4 f
	s	5. If used for irrigation, give the acreage and description of the lands to which, water has been applied and name of the owner thereof
NW4.A	16 Sec. // T. /4 R. 34	leure & Garden
and plac	e point of appropriation ce of use, if possible. Each quare represents 10 acres.	6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
7. Th	he date of commencement and commencement	pletion of the construction of the well, wells, or other works for with-
8. The	e depth of water table	
9. So	far as it may be available the ty	me size and denth of each wall or the general specifications of any other
Wor.	cks for the withdrawal of groundwa	ter Steel Casing 6" 186"
******	***************************************	
10. The	e estimated amount of groundwater	withdrawn each year 370,000
11. The	e log of formations encountered in	the drilling of each well if available
		nature as may be useful in carrying out the policy of this act, including unty record.
******		Signature of Owner Tom Halos
		Date 12-27-63
Three c	copies to be filed by the owner with	the County Clerk and Recorder of the county in which the well is located.
Please	answer all questions. If not applies	able, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF MONTANA County of Garfield

Filed in the office of the County Clark and Recorder of Garfield County, State of Montana, this day of

A. D. 196 7 at a floridock of the

County Clark and Recorder

an and 2.00

FILKD



STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG
Indicate the character, color, thickposs of strata such as soil, clay, sand,
and stone, etc. Show

ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATERDEPARTMENT OF NA depth at which water is found and APPROPRIATION BY MEANS OF WELL

SEP 18 1972

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show Gravel, shale, sandstone, etc. Show APPROPRIATION BY MEANS OF WELL

CONSERVATION TO WHICH WATER CODE INCIDENT AND CONSERVATION TO WHICH WATER IS FOUND AND CONSERVATION TO WATER IS FOUND AND CONSERVATION TO WHICH WATER IS FOUND AND CONSERVATION TO WHICH WATER IS

(Under Chapter 237 Montana Session	Laws, 1961, as amended)	Top of	Ground	(Elev. above sea level)	
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in				(aleri adore startors)	
which the well is located, last copy to	be retained by driller.	(Feet)	(Feet)	SANDY CLAV	
Please answer all questions. If not appl form may be returned.	icable, so state, otherwise the	10	15	Reserved Surger Specimen	
		- Z			
Owner DANIEL SEE	I OI Administrators ose	15	L50	<u> </u>	
Address SAND Sp.ZI. NGS	l l	140	154	SAND	
Mary T.	Pest. 14, 1972 - 3:30 pm				
Date well started	.GW 1			ک نسخت شاه ساه امر _{مید} رس می پیش بیش است می می بیش بیش است	
completed					
Type of well DRILED	Dug, driven, bored or drilled)				
Equipment used RATARY	(Churn drill, rotary or other)				
Water Use: Domestic Municipal					
Industrial Dráinage C	Other 🗆 * Garden/Lawn 🗖				
*Describe					
USE: If used for irrigation, industrial, state number of acres and location	drainage or other. Explain,				
and Addition).		-			
				1 / Eps	
ESTIMATED ANNUAL WITHDRAWAL		=	 		1
Size of Size and From To Weight Hole of Casing (Feet)			 		
14" 4" 1	Kind From To (Feet)				
PLASTIC 1 164	1/2 104 164 HOLES		+]]
	HOLEE				
]
					-
N		=	+]
	tatic water level		Ţ <u></u>		4
at at	umping water levelft	·^			
m	neasuredminutes after pumpir		1] -
W P	egan. Measured from ground level.		┿		1]
	Vell developed by Punn				
fo	orhours.			<u> </u>	1 -1
	ower				1] :
	ackers, type of shutoff)		<u> </u>		1 4
JW 14 SW 14 Sec 23		···			
T(N) R34(E)	RJJ.				
₹ ′ ₩ •	······································				1 -1
INDICATE LOCATION OF WELL AND EACH SMALL SQUARE REPRESENTS 40			<u> </u>		1 🖽
\cap	^ /		-+		4 -4
Driller's Signature	Inlling Low,		+	 	1 =
Driller's Address	Mont	-			<u> </u>
	LICENSE NO. 29	1	64	Show exact depth of bottom	mc

51,387

DERSOLD.	- t	_	Drilled Weight (Feet)	Size and	ESTIMATED ANNUAL WITHDRAWAL		and Addition).		state number of acres and	HEE IS AND THE PARTY OF	*Describe		Industrial Drainage		Water Use: Domestic [7] Min		- Designation used	
104 104 164	(Feet) Kind From To			To -	ATED ANNUAL WITHDRAWAL			socialist of other data (i.e. tor, block	state number of arrest and location or other data (in the little)			C ciliai C caldell/ rawn C	Industrial Drainage Other * Cardon /	The state of the s	icinal C stock III Initiation C	(Churn drill, rotary or other)		
						<u>.</u>										ı		

STATE OF MONTANA County of Garfield

Filed in the office of the County Clark and Recorder of Gorfield County, State of Montana.

5. D. 19 72 013:30 o'clock

County Clark and Recorder

300 500 200

and thated

rement of Natural Resources and Conservation Resources Division Resources Bureau Resources Resources Resources and Conservation Resources Resources Resources and Conservation Resources Resources and Conservation Resources R

Owner Daniel Kee 5907
Address Sand Springs III Sec. 23
Location 1. 14N 20013
Doc. No881 = [38013

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the dates the well development was started and completed.

Thank you.

	The state of the s
,, oored or drilled)	
equipment : used (Chun drill, rotary or other)	
Water Use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐	
Industrial 🗌 Drainage 🗍 Other 🗍* Garden/Lawn 🗍	
*Describe	
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block	
and Addition).	
ESTIMATED ANNUAL WITHDRAWAL	
Size of Size and From To PERFORATIONS	
A Cosine	
	-==
PLASTIC 1 164 1/2 104 164	
OFFINED MOLES	
ψ λ (ras -	
5 1972	
N OF HATCH!	
Pumping water level	fr. *
atgallons per minu	utė,
measuredminutes after pump	ing
began.	
*Measured from ground level. Well developed by	
for — hours.	
Power PumpPump	HP
Remarks: (Gravel packing, cement packers, type of shyloff)	119/2
S	
1. 160 VA Sec. 23 0 15 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	
T. // NR 34 W	
1 "	
HUBAN PRATION OF WELL AND PLACE OF USE, IF POSSIBLE	
EACH SMALL SQUARE REPRESENTS 40 ACRES	
Driller's Signature Casa Casa Casa Casa Casa Casa Casa Cas	
Diffici 371221000 may 6	169 Show exact depth of bottom
LICENSE NO	
1. 6.	51,387

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

SEP 18 1972 Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and which water rises in well. MONTANA WATER RESOURCES BOARD

SIGNATAN GRAVE, shale, sandstone, etc. Show

NOTICE OF COMPLETION OF GROUNDWATER SEPARTMENT OF NATION at which water is found and ADDROPRIATION BY MEANS OF WELL

FS AND CONSERVATION by which water rises in well.

baveloped after January 1, 1702			·
(Under Chapter 237 Montana Session Laws, 1961, as amended)	Top of	Ground	(Elev. above sea level)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in	From (Feet)	Ta (Feet)	
which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the		12	37NBY SLAY
form may be returned.	.70_	75	Ruck
Owner Driver Jack For Administrator's Use	12	LYO	
Address 20.1.1. 25,21.NG3 File 881-135.013	140	10d	5.91412
Mant. 14,1972-3:30 pm			
Date well started 8-9-72 GW 1			
7 completed 8-1/-72			
Type of well (Dug, driven, bored or drilled)			
Equipment used			
Water Use: Domestic ☐ Municipal ☐ Stock ৄ Irrigation ☐			
Industrial □ Drainage □ Other □* Garden/Lawn □			
*Describe			
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block			
and Addition)			
ESTIMATED ANNUAL WITHDRAWAL			
Size of Size and From To Drilled Weight (Feet) (Feet) PERFORATIONS			
Kind From To Size (Feet) (Feet)			
PLASTIC 1 164 1/2 104 164			
BECONED HOLES		<u> </u>	
5 1972			
No. ont of this are	=	-	
Static water level		Ţ <u> </u>	
atgallons per minut	e,		
measuredminutes after pumpin	·g		
began. *Measured from ground level.			
Well developed by			
for hours.	,p		
Remarks: (Gravel packing, cementing	ح نۋ		
s packers, type of shutoff)s		+	
1/21 1/4 Sc2) 1/4 Sec = 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
s w		+	+
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE, EACH SMALL SQUARE REPRESENTS 40 ACRES.		+	,
Driller's Signature District		+	
Driller's Address Julian Mont	-		,
LICENSE NO. 29	-/-	64	Show exact depth of bottom

51,387

MONTANA BUREAU OF MINES AND GEOLOGIE E E IVE

WATER WELL LOG STATE ENGINEER
Owner Forrest Gregg Addressayonar Mont
Driller Don Strand Address Foundays, Mont.
Date Started 6-23-61 Date Completed 6-28-61
Location: Sec. 25 T. 14 R 34 1/4 sec.
Type of well Drelled Equipment used Chern drill (Churn drill, rotary, other)
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:
Casing: O.ft. to 185 ft. Type 20 ge. yell. Size 6 well
Casing: 138 th to 156 st. Type perforted size 6 cuch
Casing:ft. toft. TypeSize
Perforated or Screened: Ft
Type of screen or perforations Factory slats
Static Water level, for non-flowing well: 43 ft. from top feet
Shut-in pressure, for flowing well:lb./sq. in. on:(date)
Pumping water level 52 feet at 52 gal. per min
How tested: Sail - Lestell
Length of test
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Remains. (Graver packing, cemenang, packers, type of share-on, depail of share-on)
пиниопанинина инцип . это :
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(over)

Lor of Well

		Log of Well	
Depth		Description of Material Drilled	
From	То	Dock photo of the state Defice	
	15	Topsoel	
/5	35-	Sand-rock	
25	37	Sandy blue- Shale	
37	38	Hard grey rock	
38	39	Thin streads of water fand - 12 gl. per in	uc
39	42	Sticky - blue shale	
42	44	Sandy Shale	
44	62	Soff grey shale	
62	70	Bentonet	
70	72	Brown - shale	
_ 72	92	Soft gray Shale	
92	99	Sand water bearing - 292. per min.	
99	104	Soft brown's Rate	
104	110	Soft grey stale	
110	118	Sandy grey skale	
_/18	124	Drown Shale	
124	130	Dry soft sand	
130	140	Soft grey Shale	
140	175	7	-
		skele. Fulled a 10 get bailer per min	-
175	185-	Hard grey sail (Settling basic)	
		·	

Approved Stock Form-State Publishing Co., Helena, Montana-42234

DUPLICATE OF LIGHT CO

County Carrier

STATE OF MONTANA FEB 2 5 1971 STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

	Declaration of Vested Groundwater Rights
	(Under Chapter 237, Montana Session Laws, 1961)
	orrest R. Greag of Jordan (Name of Appropriator) (Address) (Town)
mtv	Garfield State of Montana
ve a	ropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows
	N
	2. The beneficial use on which the claim is based
	3. Date or approximate date of earliest beneficial use; and how continuous the use has beenduly 1. 1961
	ous the use has been starty is 1222
	4. The amount of groundwater claimed (in miner's inches or gall
	per minute) 10 gallons per winntes
!	5. If used for irrigation, give the acreage and description of the late to which water has been applied and name of the owner then

	Sec25 T.144 R.2/6
place	oint of appropriation f use, if possible. Each
l squ	e represents 10 acres. 6. The means of withdrawing such water from the ground and the letton of each well or other means of withdrawal
	and all or over
draw.	date of commencement and completion of the construction of the well, wells, or other works for work of groundwater
The o	date of commencement and completion of the construction of the well, wells, or other works for we of groundwater. **XF172141222** Started June 23, 1961. Completed June 28, 1961. pth of water table. as it may be available, the type, size and depth of each well or the general specifications of any o
The o	date of commencement and completion of the construction of the well, wells, or other works for we of groundwater. **XFCTPARTER** Started Lune 23, 1961. Completed June 28, 1961. pth of water table. as it may be available, the type, size and depth of each well or the general specifications of any of for the withdrawal of groundwater. **Pattled Tell, with \$2 and a depth of \$135 ft. Fforated casing from 138 ft. to 156 ft.
The o	date of commencement and completion of the construction of the well, wells, or other works for we of groundwater. **XECTATION** Started June 23, 1961. Completed June 28, 1961. pth of water table. as it may be available, the type, size and depth of each well or the general specifications of any of for the withdrawal of groundwater. **Pattled Text. 135 ft.
The o	date of commencement and completion of the construction of the well, wells, or other works for work of groundwater. **X**********************************
The o	date of commencement and completion of the construction of the well, wells, or other works for we of groundwater. **XFCTPARTER** Started Lune 23, 1961. Completed June 28, 1961. pth of water table. as it may be available, the type, size and depth of each well or the general specifications of any of for the withdrawal of groundwater. **Pattled Tell, with \$2 and a depth of \$135 ft. Fforated casing from 138 ft. to 156 ft.
The G	date of commencement and completion of the construction of the well, wells, or other works for work of groundwater xfarshared Storted Lune 23, 1961. Completed June 28, 1961. pth of water table as it may be available, the type, size and depth of each well or the general specifications of any of for the withdrawal of groundwater. Deliled will, 155 ft. represented casing from 133 ft. to 156 ft. timated amount of groundwater withdrawn each year. 40000
The G	date of commencement and completion of the construction of the well, wells, or other works for work of groundwater. **X**********************************
The C	date of commencement and completion of the construction of the well, wells, or other works for work of groundwater xfarshared Storted Lune 23, 1961. Completed June 28, 1961. pth of water table as it may be available, the type, size and depth of each well or the general specifications of any of for the withdrawal of groundwater. Deliled will, 155 ft. represented casing from 133 ft. to 156 ft. timated amount of groundwater withdrawn each year. 40000
The So fi	date of commencement and completion of the construction of the well, wells, or other works for work of groundwater xfarshared Storted Lune 23, 1961. Completed June 28, 1961. pth of water table as it may be available, the type, size and depth of each well or the general specifications of any of for the withdrawal of groundwater. Deliled will, 155 ft. represented casing from 133 ft. to 156 ft. timated amount of groundwater withdrawn each year. 40000
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The So fi	date of commencement and completion of the construction of the well, wells, or other works for work of groundwater. Started June 23, 1961. Completed June 28, 1961. pth of water table. as it may be available, the type, size and depth of each well or the general specifications of any of for the withdrawal of groundwater. Started will, will be seen as to a depth of 135 ft. provated cashing from 133 ft. to 155 ft. timated amount of groundwater withdrawn each year. g of formations encountered in the drilling of each well if available. better information of a similar nature as may be useful in carrying out the policy of this act, included to book and page of any county record.
The So fi	date of commencement and completion of the construction of the well, wells, or other works for work of groundwater. **Started June 23, 1961. Completed June 28, 1961.** pth of water table. as it may be available, the type, size and depth of each well or the general specifications of any of for the withdrawal of groundwater. **Parated casing from 138 ft. to 156 ft.** **Torated casing from 138 ft. to 156 ft.** timated amount of groundwater withdrawn each year. g of formations encountered in the drilling of each well if available. **Doc. No. 136/50-15 Filed for record this 23 day of July 100 ft.** Signature of Owner.
The So fi	timated amount of groundwater withdrawn each year go formations encountered in the drilling of each well in carrying out the policy of this act, included to book and page of any country record Doc. No
draw. The Good So fi works The The Such refer	date of commencement and completion of the construction of the well, wells, or other works for work of groundwater. **Xirreplant** **Started June 23, 1961. Completed June 28, 1961.** pth of water table. as it may be available, the type, size and depth of each well or the general specifications of any of for the withdrawal of groundwater. **Intlied :::11,:11 **En one in the depth of a size 135 ft. **Torated casing 1:02 133 ft. to 156 ft.** timated amount of groundwater withdrawn each year. **40 000 32.** timated amount of groundwater withdrawn each year. **40 000 32.** timated amount of groundwater withdrawn each year. **40 000 32.** timated amount of groundwater withdrawn each year. **40 000 32.** **Torated casing 1:02 133 ft. to 156 ft.** **Torated June 28, 1:061.** **Torated June 28, 1:06
The So fi	timated amount of groundwater withdrawn each year go formations encountered in the drilling of each well in carrying out the policy of this act, included to book and page of any country record Doc. No

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136 150 g.w. Wulappup Dusen, Frank R

STATE OF MONTANA)
County of Garfield

Filed in the office of the County Class and Becarder of English County, State of Manager St

Charles & Sanghum

Squary Clock and Bogrey

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o v 2	Approved Stock Form—State Publishing Co., Helena, Montana—42234
File No.	T/4/ B 34 E
DUPLICATER S. C. S	County & a field
A Company of the Comp	STATE OF MONTANA
FEB 25 19/1	INISTRATOR OF GROUNDWATER CODE
	OFFICE OF STATE ENGINEER
Declaratio	n of Vested Groundwater Rights
	r Chapter 237, Montana Session Laws, 1961)
(0240	
1 month of	(Address) (Town)
(Name of Appropris	(2012)
County of Additional Appropriated groundwater ac	State of State of January 1, 1962, as follows:
Section 75 141/34F	
	2. The beneficial use on which the claim is beseld
	Stock wales
	3. Date or approximate date of earliest beneficial use; and how continu-
	ous the use has been 3 4 9 6
w	E Steady en sent
	4. The amount of groundwater claimed (in miner's inches or gallons
	per minute) / O +
	· · · · · · · · · · · · · · · · · · ·
S s	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1/ Sec 5 T/WRJYE	is not use for drighter
indicate point of appropriation	15. W.
and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
	tion of each well or other means of withdrawal.
7. The date of commencement and drawal of groundwater	completion of the construction of the well, wells, or other works for with-

8. The depth of water table	2 fet
9. So far as it may be available, t	the type, size and depth of each well or the general specifications of any other
works for the withdrawal of grou	ndwater &

and the second	*
10. The estimated amount of ground	water withdrawn each year 200-000 galps you
	d in the drilling of each well if available
6-1-	at shet
	ilar nature as may be useful in carrying out the policy of this act, including y county record
-11210	
Doc. No. 7:36	2 0
Filed for record	Signature of Owner 7 67 5740
A. D. 19 7 at a o'clock M.	Date 2 41 191
	with the County Clerk and Recorder of the county in which the well is located.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

g w weet appropriate R. Public to the country of Carteld

Find in the office of the County Clock and Accordant of Garfield County, State of Mossian talk. 23 day of Feb.

Charles & Bangauen

Court Clerk and House

Lipha & County Congress

County Clerk and House

Lipha & County Congress

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GROUNDWATER INDEX County <u>Yarfield</u> Twp. 1477 Rge. 356. County File No. Type of Form Remarks Sec. Name of Appropriator

		٠.			Approved Stock Form	State Publishing Co., Helena, Montana—38687	33
ile No		•••••				T14 R35	
UPLICATE	}			g	TATE OF MONTANA	County Garfield	
			ADMIN	-	TOR OF GROUNDWAY	ER CODE	
					E OF STATE ENGINE	- (u)1	
		Decl	aratior	of	Vested Ground	water Rights JAN 6 1964	עב
					r 237, Montana Session		ER
lDaniel	C. and	or Mar	y Kee			and Springs (Town)	
County	ofGa	rfield	************		State of Mo	ntana	
have ap	- "	d groun	dwater ac	cording	to the Montana laws i	effect prior to January 1, 1962, as follows	ws:
	<u>N</u>	{ {		2	The heneficial use on w	hich the claim is basedStockwater,	
				۵.		and garden and yard irrigation	
	-		_	3	Date or annrovimete d	ate of earliest beneficial use; and how o	nn-
[-			٠.	tinuous the use has be	en_well # 1. June 1958	
v <u> </u>		- -	E			well # 2. uncertain-1940 continuous use for both	
 	#2#±		_ _	4		water claimed (in miner's inches or gall	
	_ -	_	_ _	. 4. .	per minute)labo	ve 10 gallons per minute	
	-	_ _	_	•	2. Abo	ut 1 gallon per minute	
	, , , s			5.	to which water has b	rive the acreage and description of the la en applied and name of the owner the	reof
	~ ~ .					f garden area	
SW¼ Indicate po					-		
rudicare bo	mit or a					tor	
and place	of use,	if poss	ible.	6.	• •		
and place Each small acres.	of use, square r	if poss	ible.	6.	. The means of withdra location of each well	wing such water from the ground and	the
Each small	of use, square r	if poss	ible.	6.	The means of withdress location of each well of the lambda cylinders of the cylinders of the lambda cy	wing such water from the ground and	the
Each small acres. 7. The da	square r	if poss epresent	ible. s 10 ent and c	ompleti	The means of withdrest location of each well and the construction of the construction	wing such water from the ground and or other means of withdrawal	the
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Each small acres. 7. The da drawal	square r	if poss epresent amencem dwater	ent and c	ompleti June unkno	The means of withdress to cation of each well of the construction	wing such water from the ground and or other means of withdrawal	the
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STATE OF MONTANA County of Garfield

Piled in the office of the County Clerk and Recorder of Jarfield County, State of Montana, this 30 day of Alle.

A. D. 18 6 3 at 11330 clock 14

DECEIVE D MIL 2 3 1958 MON T LLN R 35E

MONTANA BUREAU OF MINES AND GEOLOGY STATE ENGINEER Butte, Montana

WATER WELL LOG

OwnerDan. & Wary Kee	
Driller Don Strand	Address Roundup, Montana
	Date Completed June 30, 1958.
Type of well Drilled Equipme (Dug, driven, bored, or drilled)	nt used
Water use: Domestic Municipal	Stock Irrigation
Industrial Drainage	Other:
Casing: 0 ft. to 130 ft. Type Galva	nizedSize
Casing:ft. toft. Type.	Size
Casing:ft. toft. Type	Size
Perforated medicated: Ft	Ft to ft
Type of screen or perforations	
Static Water level, for non-flowing well: 116	feet
Shut-in pressure, for flowing well:lb./s	q. in. on:(date)
Pumping water level feet at 10	• • •
How tested: bale	
Length of test	
Remarks: (Gravel packing, cementing, packers, type of shut-	off, depth of shut-off)
(over)	

And the second s

		Log of Well						
Depth, feet		Description of Material Drilled						
From	Ta	Description of material brinted						
0	5	Topscil						
5	6	Sand rock						
6	22	Sandy yellow shale						
22	31	Sandy brown shale						
31	41	Sandy yellow shale						
101	ļ15	Blue shale						
42	47	Sandy brown shale						
47	614	Sticky brown shale						
6l ₁	78	Brown shale - 18 inché layers of sand						
78	89	Sticky dark shale						
89	90	Sticky dark shale						
90	91	coarse grey sand						
91	94	Sandy shale, grey						
94	96	coarse grey sand						
96	119	Grey shale - streaks of sand						
119	124	Blue sandy shale, water above, 10 gal per min						
15/1	130	Grey shale						
								

County Garfield MONTANA BUREAU OF MINES AND GEOLOGY CEIVE WATER WELL LOG STATE ENGINEER Montana Owner Forrest Gregg Roundup, Montana Don Strand Driller. 7/13/61 Date Started. 35E Location: Sec. Churn drill Drilled .Equipment used. bored, or drilled) (Churn drill, rotary, other) Stock x Water use: Domestic Municipal Irrigation Industrial Drainage Other:... 6 inch 185 20 ga galv Casing:. 185 145 to ft. Perforated or Screened: Ft.. slots Type of screen or perforations. 39 feet from top Static Water level, for non-flowing well:..... Shut-in pressure, for flowing well:...lb./sq. in. on:.... (date) Pumping water level.....feet at ... gal. per min.. 2 hours Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		205 01 1101					
From To		Description of Material Drilled					
ହ	3	Top soil					
3	7	sandsone					
7	15	soft sand					
15	26	yellow clay					
#6 \·	33	Brown shale r \ r\					
33	41	Gray shale					
41	49	Blue shale					
<u> </u> կ9	58	Sand shale					
58	-69	Fray shale					
69	71	Sand Shale					
71	\$ft	Brown shale					
74	79	Sandy shale					
79	83	Blue shale					
83	106	Sandy shale					
106	117	Brown shale					
117	124	EX Gray shale					
12h	139	Sandy shale					
139	147	Brown shale					
1և7	152	Water-sand-2 gal per min					
152	165	Sand √ & Shale					
165	174	Water-sand 10 gal per min.					
174	185	Sand & shale					

2 3 No	MONTANA WATER RESOURCES BOARD Appro			oved Stock Form—State Publishing Co., Helena, Montana—46805 T. H.N. R. 35E 32			
PLICATE	MAY 19		County Garrie) d STATE OF MONTANA MINISTRATOR OF GROUNDWATER CODE				
14-87 N	p ses level) ock and black D D	Under Country of Well Starte well starte ype of well Starte ype of well Starte ype of well Starte use: Indicate on et with in driepth at which	STATE W. e of Coppopria DEVELO: Shapter 237 V/e of appropria d 5 - 7 driven, bore Domesti the discret lilling, such water is en	Montar Montar Montar Add or drill as soil, counter	Drainage Calay, shale, ad, thickness	FOR BOARD FOR GROUND FOR GRO	rended) Mended) Mended) Mended Men
Doc. No. Filed for reff.s A. D. 19 o'clock	13.5203	Size of Drilled Hole	Size and Size and Weight of Cating Him.	From (Feet)	To (Feet)	FERFORA: Shad Store Slo77-8 SlyX3	To (Feet)
	,	1/4	ion of wel if possible. represent	and Each s 40	Pumping V at Discharge i How Tested Length of ! Remarks: (ers, type of	Ssure for Flowing Vater Level	Well fee fee minute. of flowing well menting, pack
- - - - -		USE—If used number tion).	for irriga	tion, ir	dı	(Continue o rainage or other. r data (i.e.: Lot, I	Explain, stat Block and Add
his form to be prepa	act depth of bottom. ared by driller, and three copies order in the county in which the	s to be file cy he well is locate	the owner w	ith the	 Drille	ar's License Numb	per

STATE OF MONTANA Couply of Garlield

DON'T LANGE AND THE PARTY OF TH

The southern the state of the southern

MONTANA WATER RESOURCES BOARD Water Resources Division Mitchell Building Helena, Montana 59601

	Recently a copy of a groundwater a	appropriation form,
	GW 1, Notice of Appropr	riation of Groundwater
	X GW 2, Notice of Complete means of Well	tion of Groundwater Appropriation by
	GW 3, Notice of Complete	tion of Groundwater Appropriation without
		ested Groundwater Rights (This form is limited by law to use only through 1965)
	was forwarded to this office by t	he County Clerk and Recorder.
	This form is identified by	
	Owner Daniel Kee	Address Sand Springs, Montana
	Location	Document No. 135203
	This is to inform you that your G	W form has been received and is complete as
<u>x</u>	the enclosed copy by providing in	information if available. Please complete formation where indicated, or as noted here the Montana Water Resources Board in Helena.
	Please indicate the location.	
	Other.	RECEIVED
		JUN 23 1970
	•	the second secon
		(Continue on reverse side)
-		for irrigation, industrial, drainage or other. Explain, state of acres and location or other data (i.e.: Lot, Block and Addi-
Show	exact depth of bottom.	
		9.0
nis form to be rounty Clerk and tained by drille	repared by driller, and three copies to be filed by Recorder in the county in which the well is locate r.	d, tissue copy to be
ease answer al	l questions. If not applicable, so state, otherwis	e the form will be Driller's Signature. 46 453
		46452

GW	, MONTANA WATER R RECE		
DUPLICA	ATE MAY 1) 1970 County GA	rfie)d
	LOG Top of Ground	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER STATE WATER CONSERVATION BO	CATTAL CONTRACTOR AND
-1-	(Elev. above sea level	Notice of Completion of Grou	undwater
84	84 shale 87 wek 95 sand	Appropriation by Means of DEVELOPED AFTER JANUARY 1,	
95	- 100 shale	(Under Chapter 237 Montana Session Laws, 1961	이 그 가게 그 나는 사람이다.
<u> </u>	Manual Control of the	Owner DANIE) ITEC Address day	
	MONTANA WATER RESOURCES BUARS	Driller Deane Walling Sew Address January Date of Notice of appropriation of groundwater	
- 1	JUN 23 1970	Date well started 5 - 9 - 20 Date completed	
		Type of well drilled Equipment used	
-	The second secon	Water use: Domestic Municipal St	ock 🔼 Irrigation 🗍
		Indicate on the diagram the character and thickness	of the different strata
-		met with in drilling, such as soil, elay, shale, gravel, ro depth at which water is encountered, thickness and char strata and height to which the water rises in the well.	acter of water-bearing
		Size of Size and From To Drilled Weight (Feet) (Feet)	PERFORATIONS
-		Hole of Casing Rind Size	From To (Feet)
		bin. 4. 1 100 S107 The plantic 1/4 x 3_	50 100
	Doc. No. 135203		
	Filed for record	-	
	A. D. 19 70, at 3 06.	N Static Water Level	for non-flowing well
-		Shut-in Pressure for I	feet feet Well
		Pamping Water Lev	elZ.Zfee
-		w E at Discharge in gal. per	.gal. per minute. r min. of flowing wel
		T	
-		How Tested	L. T
		N E 200 A 200 CC	cking, cementing, ack
-	\cdot (\langle	Indicate location of well and	
<u> </u>		place of use, if possible. Each small square represents 40 acres.	
		40	4*
-		USE—If used for irrigation, industrial, drainage or	other. Explain, stat
		number of acres and location or other data (i.e.	:: 40t, 1510ck and Addi
1 -	Show exact depth of bottom.		
	a race organ achair or possour.		G
This for	m to be prepared by driller, and three co Clerk and Recorder in the county in which	ies to be filed by the owner with the the well is located, tissue copy to be Driller's Licens	e Number
	by driller.	so state, otherwise the form will be	ine de

Driller's Signature.

			Approved Stock Form—State Publishing Co., Helena, Montana—38687
e No	******************		T14R35
PLICATE		ADMINISTRAT OFFICE	County Garfield OR OF GROUNDWATER CODE DECEIVE JAN 6 1964
	Decla	aration of V	Vested Groundwater Sights ENGINEER 287, Montana Session Laws, 1961)
Daniel	C. and/or Ma	ry Kee	, of Sand Springs
	(Name of Ap)	propriator)	(Address) (Town) State of Montana
have appro	priated ground	water according t	to the Montana laws in effect prior to January 1, 1962, as follows:
	N		
		2. 7	The beneficial use on which the claim is basedStock
			:
	<u> </u>	1 1	Date or approximate date of earliest beneficial use; and how con- tinuous the use has been summer of 1956.
		j J	continuous use
	x	-	
,			The amount of groundwater claimed (in miner's inches or gallon per minute)about 5 gallons per minute
	8	5.	If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo
- 44 - 64	m		not-used-for-irrigation-
	c32 T14. R.; of appropriat		
d place of	use, if possi	ble. 10 6.	The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
			pipe, cylinder, pump-jack and electric motor
	groundwater	not known	of the construction of the well, wells, or other works for with
			-50 to 60 feet
. The depth	of water tabl	enotcertain	=50.to.bu.leet
			ze and depth of each well or the general specifications of any othe
	and 2 cylin	der to about 60) feet, pump jack and electric motor, with automatic
L"pipe	stem.and.900.	-	rough
l"pipe floatsy		***************************************	•
L"pipe floatsy		***************************************	
l"_pipe float.sy			
float sy	ated amount of	f groundwater wit	thdrawn each yearabout.1500.gallons.per.day
float sy.	ated amount of	f groundwater wit	thdrawn each yearabout1500.gallons.per.daydrilling of each well if availableot.available
float sy	ated amount of	f groundwater wit	thdrawn each yearabout1500.gallons.per.daydrilling of each well if availableot.available
The estim The log o	ated amount of formations er information of to book and pa	f groundwater with accountered in the similar nature ge of any county is	drilling of each well if available
1" pipe float sy The estim The log o Such othe reference	ated amount of formations er information of to book and pa	f groundwater with accountered in the	drilling of each well if available not available as may be useful in carrying out the policy of this act, including record.
1" pipe float sy The estim The log o Such othe reference	ated amount of formations er information of to book and pa	f groundwater with accountered in the similar nature ge of any county is	drilling of each well if available
1" pipe float sy The estim The log o Such othe reference	ated amount of formations er information of to book and pa	f groundwater with accountered in the similar nature ge of any county is	drilling of each well if available

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 23387

STATE OF MONTANA County of Garfield

Plied in the office of the County Clerk and Records of Garfield County, State of Montana, this South State of Montana, A. D. 19 6 3 at 112 below 1 M.

(D)	EC.	E I	V E 1958	
Ш	AUG	11	1958	الا

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T	R35E	<i>V</i>
County	Garfield	· · · · · · · · · · · · · · · · · · ·

MONTANA BUREAU OF MINES AND GEOLOGY STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

	Owner Paul Pobinson	Address Ingonar, hon tana
	DrillerDon Strand	AddressRoundup Montana
	Date Started7/11:/58	Date Completed7/28/58
	Location: Sec31 T1111 R352	. ¼ sec
Type of well	(Dug, driven, bored, or drilled)	dSpudder drill, rotary, other)
Water use: Domestic	Municipal Sto	ck Irrigatio
Industrial	Drainage Other:	
Casing:	ft. to235ft. Type@alv	Size6#
Casing:	ft. toft. Type	Size
Casing:	ft. toft. Type	Size
Perforated or Screened:	Ft 52 to ft55 Ft.	to ft172
Type of screen or perfora	ations from 185 to 197 ft	slits
Static Water level, for no	on-flowing weil: 33 f	eet of top feet,
Shut-in pressure, for flow	wing well:lb./sq. in. c	on:
Dumning water level	130-140feet at	(date)
	baler	-
Length of test		
Remarks: (Gravel pack	king, cementing, packers, type of shut-off, de	pth of shut-off)
••••		

•••••		

3	(over)	

Log of Well

		Log of Well
Depti	h, feet	
From	То	Description of Material Drilled
0	15	Topsoil.
	16	Sand Rock
	28	
16	1 80	yellow clay
28	54	grey shale, very sticky
54	55	grev saidshining gal
44	14.4	sticky grey shale
137	128	hard grey rock
128	129	grey sand- reter-3gel
129	173	sticky grey stale
173	174	hard grey rock
174	175	Grey sand - water 2 gal
175	15-	sticky grey shale
195	196	Grey sand - water
_196	215	grey shale
	<u> </u>	
	}	
	1	
	1	
		
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	- 	
		
	 	
		1

Ch	Approved Stock Sidner-State	Publishing Co., House, Monthson, Share	
File No		THE	
DUPLICATE		County Management Management	
	STAND OF MOREANA	C-1 M 272	

ADMINISTRATOR OF GROWNSWAME CODE

Declaration	OFFICE OF STATE
	Chapter 237, Montana Manalith Laws, 1961)
	Any Kee , of Sand Springs (Address) (Town) State of Montana
County of Carfield	State of Wontana
	coording to the Montana laws in effect prior to January 1, 1962, as follow
N .	2. The beneficial use on which the claim is based
	3. Date or approximate date of earliest beneficial 1140; and how so tinuous the use has been continuous use since
l l l l l l l l l l l l l l l l l l l	3
	4. The amq _{tent} of groundwater claimed (in miner's inches or gallo per minute)2.gellons.per.minute
- X - - - - - - - -	5. If used for irrigation, give the acreage and description of the lan to which water has been applied and name of the owner there
1814 Sec35. T.14 R35.	not-used-for-irrigation
dicate point of appropriation and place of use, if possible. And small square represents 10 cres.	6. The means of withdrawing such water from the ground and t location of each well or other means of withdrawalpipe
drawal of groundwatercommen	completion of the construction of the well, wells, or other works for winderment July 3, 1948 and completion July 5, 1948
. The depth of water table	er.comes.in.from.23!.to.56!
	e type, size and depth of each well or the general specification is fany other and water
li pipe and 2" cylinder.	to a depth of 147 Windmill and 2, 1000 gallon steel troug

	,
). The estimated transport of grounds	water withdrawn each year
). The estimated amount of grounds. The log of formations encountere	water withdrawn each year 2 up to 1000 gal per day. d in the drilling of each well if available
). The estimated transport of grounds	water withdrawn each year 2 up to 1000 gal per day. d in the drilling of each well if available
1. The log of formations encountered to book and page of any	water withdrawn each year. 2. up. to 1000 gal. per day. d in the drilling of each well if available
1. The log of formations encountered to book and page of any	water withdrawn each year 2 up to 1000 gal per day. d in the drilling of each well if available
2. Such other information of a similareference to book and page of any	water withdrawn each year 2 up to 1000 gal. per day. d in the drilling of each well if available. a. 56! n. 95!6" hard rock. ar nature as may, he useful in carrying out the policy of this act, includy county record.
7. The log of formations encountered to book and page of any	water withdrawn each year 2 up to 1000 gal per day. d in the drilling of each well if available

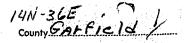
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 23386

STATE OF MONTANA County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County. State of Montano this day of A. D. 19 at Schock A M

GROUNDWATER INDEX County <u>Sarfield</u> Twp. 14 Rge. 36 County File No. Name of Appropriator Type of Form Remarks Sec. 4912 442 135726 482





STATE OF MONTANA

ADMINISTRATOR OF GROUNDWAYER CODE

MONTANA WATER STATES BOARD PLE CELL VE D Gravel, shele, sandstone, etc. Show depth at which water is found and APPROPRIATION BY MEANS OF WELLINOV 1 6 1970

Developed after January 1, 1962

(Under Chapter 237 Montana Session	Laws, 1961, as amende	d) т	്റാ 🚅	Groups	Files - shows	
This form to be prepared by driller.	and three copies a be f	filed	From		(giller, store sea thereit)	=
by the owner with the County Clerk and Recorder in the county in the well is located, last copy to be retained by driller.		(Feet)	(Foot)			
the well is located, last copy to	be retained by driller.			10	grapel	
Riease answer all questions. If not appl form may be returned.	icable, so state, otherwise	the _	15	25	Sandrock	
		1	35	40	skale	
Owner Bud Krapane			40	43	rock	
	For Administrator's Use	<u>-</u>	4/3	28	shell	
Address Cohage N	File /35725		78_	8.3	Shale	
N - 47	November 12,	1970	82	135	sand	
1.1.0N.1.2	9,25 0.00		35	140	skale	
Date well started 9-6-70	.lgw 1				ري وي	
-mpheled 9_ 6-70						
Type of well drilled						
5 A A A A A A A A A A A A A A A A A A A	Dug, driven, bored or drilled)	,	; -			
Equipment used 607 Ary	(Churn drill, rotary or other)	<i>ij</i>		<u> </u>		
Water Use: Domestic [Municipal	☐ Stock ※ Irrigation	n 🗆 🗦		 -	ا دالله هذه داده الحد والم والمد والمد والم المدار المدار المدار المدار المدار المدار المدار المدار	
industrial 🔲 Drainage 🔲 (Other * Garden/Lawr					
moosiidi 🖸 Braniage 🔲 🔾	Sitter [] Garden/rawi	" 🖵 🚶	-			
*Describe						
USE: If used for irrigation, industrial,	drainage or other. Exp	olain,		 		
state number of acres and location	n or other data (i.e. Lot, E	Block				
and Addition).	••••••••					;
		1				
ESTIMATED ANNUAL WITHDRAWAL				 		
Size of Size and From To Drilled Weight (Feet) (Feet) Hole of Casing	PERFORATIONS			 		
	What I Down	To (Feet)				
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10lb.	1/ 13: 80	140		 		
	147	}				
}		}		<u> </u>		
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1						
м				 	 	
Si	tatic water level	ft.*		 -		ļ
	umping water level					
a a	gallons po	er minute,				
	neasured <i>120</i> minutes after egan.	r pumping		┼ -		
w h	Measured from ground le	vel.		+		
	Vell developed by	NO				}
	vell developed by Augustian 2 Range hours.					
	ower And Pump			ļ	ļ	{
, , , , , ,	emarks: (Gravel packing, o ackers, type of shutoff)		<u></u> -	 -		ł
s						1
14 SW 14 Sec. 1		•••••				1
1. /4 N/R 36 (E)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•••••		┽		}
• "	DIACE OF 100 15 224		 	 	 	1
INDICATE LOCATION OF WELL AND EACH SMALL SQUARE REPRESENTS 4		SIBLE.]
EACH SWALL SQUAKE REPRESENTS 4	In the second]
Driller's Signature	Wulley Ste	wice		 		ł
			 	 		1
Driller's Address	Mande		l		<u> </u>	
//	LICENSE NO -9 G	2.	14	01	Show exact depth of bottom	

1

S ATE OF MONTANA
C anty of Garlield

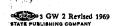
Filed in the office of the County Clerk and order of Carlield County, State of Montana.

Charles E Fangheren

Charles E Fangheren

Delpha G Camatan

Total 1200



DRILLER'S LOG

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD NOTICE OF COMPLETION OF GROUNDWATER WATER RESOurces gravel, shale, sandstone, etc. Show APPROPRIATION BY MEANS OF WELL BY COMPLETED WATER RESOurces gravel, shale, sandstone, etc. Show height to which water is found and height to which water rises in well.

Developed after January 1, 1962

MOV 1 6 1970

(Under Chapter 237 Montana Session	Laws, 1961, as amended)	Top of	Ground	(Elev. above sea level)
This form to be prepared by driller, a by the owner with the County Clerk are	nd Recorder in the county in	From (Feet)	To (Feet)	- n - n
which the well is located, last copy to	be retained by driller.	1	10	sout + clay
Please answer all questions. If not appli form may be returned.	cable, so state, otherwise the	10	45	gellow stale
Commindy be reformed.		45	62	Variation
Bu I Kan		100	105	20-1-
Owner Bul Grammer	For Administrator's Use	105	106	sock -
Address Cakagen	File 135726	106	155	skale
Address	rile	155	164	sand
Mant.	9:30 A M	9 250	1.2	
		3.7	A. 3	
Date well started 9- 7- 70	GW 1			
				<u> </u>
completed 9- 7-70				
Type of well dulled				
Type of Well Sazia-La La L	ug, driven, bored or drilled)		777	
Equipment used notary				
0	(Churn drill, rotary or other)	-		
Water Use: Domestic [Municipal [☐ Stock ☑ Irrigation □			
				
Industrial 🔲 Drainage 🗍 C	ther 🗆 * Garden/Lawn 🔲	 		<u> </u>
		ļ		
*Describe	***************************************			
USE: If used for irrigation, industrial,	drainage or other. Explain,		 	
state number of acres and location	or other data (i.e. Lot, Block		 	
and Addition).				
ESTIMATED ANNUAL WITHORAWAL				
	7	={		
Sive of Size and From To Drilled Weight (Feet) (Feet)	PERFORATIONS		<u></u>	
1	Kind From To Size (Feet) (Feet)		ļ	
sen 4 1 /64	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	15/01/02/		ļ	
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plastic				
Plastie	14×3 80 160			
Plastic N St	Ayx3:	*		
Plastic N St Po	atic water level 75 framping water level 65 f	*		
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Plastic N St Po at m bb k	atic water level	.* le,		
Plastic N St Po at m bs bs W	atic water level	.* le,		
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N St Pr at m be be to pe	atic water level	re, ng		
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N St Pro at m be well as the state of the st	atic water level	re, ng		
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N St Po at m be m St W fo po m m m m m m m m m	atic water level	re, ng		
Plastic N St Pt at m be s fc Pt N St W St N St N St N St N St N St N S	atic water level	re, ng		
INDICATE LOCATION OF WELL AND EACH SMALL SQUARE SEPRESENTS 40	atic water level	re, ng		
Plastic N St Pt at m be s fc Pt N St W St N St N St N St N St N St N S	atic water level	re, ng		

STATE OF MONTANA County of Carfield

Find in the office of the County Clerk and therefored Gardeid County, State of Montana.

Charles & Sanghern

County Circle and Records

For Fold #2



MONTALA WATER RESCURCES BOALD

14N-36E County Stanfaeld V

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 3 1970

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

(Under Chapter 237 Montana Session Laws, 1961, as amended)	Top of	Ground	(Elev. above sea level)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in	From (Feet)	To (Feet)	
which the well is located, last copy to be retained by driller.		<u>/5</u> -	clay
Please answer all questions. If not applicable, so state, otherwise the	15	20	shalfe
form may be returned.	20	25	wek
0 - 11	25	80	skale
Owner CA Marie For Administrator's Use Address CoRagian File 125815 Movember 391970 11:30 A.M.	-		۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔ ۔
For Administrator's Use	80	83	Nock
Address Co-Karalen File 135815	8-3	130	shalk.
Movember 30,1901	130	132	rock
mon. 11:30 am	1.32	155	skale
		160	sand
Date well started 10-29-70 GW 1	160	<u>163</u>	shall
· · · · · · · · · · · · · · · · · · ·			
completed .1.0 - 31-70	ļ		ب سر پُد کے در سے میں سے میں در سے میں در سے میں در سے سے
Type of well dulled (Dug, driven, bored or drilled)	 		
Due driven bared or drilled)			
(Dug, driven, bored or drilled) Equipment used (Chura drill, rotary or other)			
(Churn drill, rotary or other)			
Water Heat Demostic Cl. Municipal Cl. Charles Co. 100			
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐			
Industrial □ Drainage □ Other □* Garden/Lawn □		L	
Industrial □ Drainage □ Other □* Garden/Lawn □			
*Describe			
		L	
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block		L	
state number of acres and location or other data (i.e. Lot, Block			
and Addition).			
ESTIMATED ANNUAL WITHDRAWAL		<u> </u>	
Size of Size and From To	=		
Drilled Weight (Feet) (Feet) PERFORATIONS	_	ļ	
6. Slate 1 163 Kind From (Feet) (Feet) Slot 103 163			
Plaste 51011-4 103 163		 -	
103 103			
		├	
		 	
	\	 -	
N	=		
Static water level 60 ft.	*	†	
Pumping water level 105 ft.	*		
atgallons per minut			
measuredminutes after pumpin	g	L	
began.			
"Measured from ground level.			
Well developed by			
for hours.		1	
Power Aulan Rombille +		<u> </u>	
Remarks: (Gravel packing, cementing	g,	 	
s packers, type of shutoff)	•••{	 	
Shi wall was 1	···	<u></u> -	
54 14 Sec / (2)	···	 	
T. 14 (N) R. 36 (E)	···	 	
2 AA		+	
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.		· 	
EACH SMALL SQUARE REPRESENTS 40 ACRES.		+	
111. 111.201 1.		+	
Driller's Signature Mane Willey Blevic	·	+	
Driller's Address Jondan Montana		 	
Driller's Address forder //orlara	l———		<u> </u>
1			Show exact depth of bottom
LICENSE NO.			

135815 H. Well Geprop Frames (M.

See of the County Cherk cond-

य गाउँ होन

े नदी दान (स्केटिंट, क्ष्म ध्रेस्ट्र) व निकासिंद्र

Page ______of_____ GROUNDWATER INDEX County <u>Sayfield</u> Twp. 14 Rge. 38 County File No. Type of Form Name of Appropriator Remarks Brooks Company 194

G C	Approved Stock Form—State Publishing Co., Helens/Montana 42234
File l	No. T 14 R 38
DUPI	LICATE County Baling
	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER 10.0 0.0004
	Declaration of Vested Groundwater Rights TE ENGINEER (Under Chapter 237, Montana Session Laws, 1961)
1,	(Name of Appropriator) (Address) (Town) ounty of Garfield State of
ha	ounty of State of Sta
<u></u>	2. The beneficial use on which the claim is based.
	3. Dete or approximate date of earliest beneficial use; and how continuous the use has been 1960
w	E Company of the comp
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Ľ	5. If used for irrigation, give the acreage and description of the lands to which water has been spiplied and name of the owner thereof
ENE	4 Sec 35 T. 14 R. 38
and	icate point of appropriation place of use, if possible. Each il square represents 10 acres. 6. The means of withdrawing and water from the ground and the loca-
	tion of each well or other means of withdrawal
7.	The date of commencement and completion of the construction of the well, wells, or other withdrawal of groundwater.
	drawal of groundwater 1960
8.	The depth of water table/20'
	So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
10.	
11.	The log of formations encountered in the drilling of each well if available.
12.	Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
	Signature of Owner LC Brooks Ques,

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA County of Garfield

Fried in the office of the County Clerk and Recorder of Garfield County, State of Montana, day of December 2

County Clerk and

Tel No. 2 7-00

exp

Page _____of_____ GROUNDWATER INDEX County <u>Garfield</u> Twp. 14 Rge. 39 County File No. Type of Form Name of Appropriator Remarks levit Thomas St. Jack 4. 4944 123809 484 new Marain & 444 Johnson Marin B.

,}	•		~ \0
'ile No		•	r14.N.R39 E.
UPLICATE			County Garfield
	Administrat	ATE OF MONTANA OR OF GROUNDWATER CODE OF STATE ENGINEER	PECEIVED AUG 20 1963
	7 7 7 7	ested Groundwater	Kights CTATE ENGINEE
	" (Under Chapter	237, Montana Session Laws, 1961) SINIL LHUINEL
and Ro	e of Appropriator) Garfield	oil Cohagen (Address) State of for the Montanu laws in effect pri	(Town)
v N	3. I	The beneficial use on which the climand for watering Date or approximate date of earlicinuous the use has been	st beneficial use; and how con-
	.	The amount of groundwater claim per minute)10 galions	· -
7		If used for irrigation, give the acr	
Medicate point of a and place of use, Each small square reserves.	ppropriation if possible. epresents 10 6.	The means of withdrawing such location of each well or other marrian 10. Tarmship	me of withdrawal
drawal of groun	dwaterThe well on	of the construction of the well, Section 10 was star	ted and completed
9. No far as it was	be available, the type, sind the drawal of groundwater.	ze and depth of each well or the a	well, 4" size and

5-75' Sand, Water sand, coal streaks. Water at 75'.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record......

reference to book and page of any county record.

Thomas W. Coil, Jack G. Coil
Robert F. Coil
Signature of Owner Thomas W. Coll

Date August 8, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer: Triplicate to the Maniana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

123309

STATE OF MONTANA ...

Filed in the office of the County Clerk and Recorder of Confield County, State of Montano, this

3 w	Approved Stock Form—State Publishing Co., Helena, Montana—42234
File No	T/4 R 39 W
DUPLICATE	countrar ferld
	STATE OF MONTANA RATOR OF GROUNDWATER CODE DECEIVED
OFFI	GE OF STATE ENGINEER UU JAN 6 1984
	Vested Groundwater Rights ENGINEER ter 237, Montana Session Laws, 1961)
	<u> </u>
1. (Name of Appropriator)	1, of Cohagen Montana (Address)
· *	to the Montana laws in effect prior to January 1, 1962, as follows:
N	2. The beneficial use on which the claim is based
	5 tock wat ?
	ous the 11th has been
w	17 5 4 USE 8 2 VEX 9 D. M. M. M. M.
	4. The amount of groundwater claimed (in miner's inches or gallons
•	per minute) 9.4 minute
	5. If used for the give the acressee and description of the lands to which sales have of the owner thereof
5 CE.CEI	Not + ixx gation
SE4SE Sec. DOT, 14 B39. Indicate point of appropriation	
and place of use, if possible. Each small square represents 10 acres.	6. The means of witchill will such water from the ground and the loca-
	tion of each well as when means of withdrawal.
7. The date of commencement and complete drawal of groundwater	a file construction of the well, wells, or other works for with-
8. The depth of water table	lac t
	e, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater	sed with culvert 19 ft deep
10 is The estimated amount of groundwater .	Milhu "The each year 75 000 gallons
	ne drilling of each well if available
None	
12. Such other information of a similar na	ture as may be useful in carrying out the policy of this act, including
***	ty record

	Signature of Owner Massin Johnson
	Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

125058

STATE OF MONTANA County of Garfield

Filed in the office of the County Clerk and Records of Garfield County, State of Montana, this day of